



തൃശ്ശൂർ KERALA GAZETTE

ആധികാരികമായി പ്രസിദ്ധപ്പെടുത്തുന്നത്
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PART III Stores Purchase

Fire and Rescue Services Department

e-TENDER NOTICES

(1)

No. F2-11428/2014/KFRS-1. 30th September 2014.

e-Tenders in two cover system are invited from competent dealers for the purchase of the following types of Motor Batteries with respective specifications to this Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts.

1. Technical bid.

2. Financial bid (BOQ).

Tender No. with PAC—KFRS/E-Tender/Re- tender No. 20/2014-15—` 18.40 Lakhs.

EMD—1% of PAC in online payment.

Security Deposit—5% of total contract amount inclusive of EMD. To be furnished as online payment.

Cost of e-tender (online submission)—` 2,800 + VAT @ 5%.

Closing date and time of e-tender—4-11-2014, 5 p. m.

Last date and time of receipt of e-tender—4-11-2014, 5 p. m.

Date and time of opening of e-tender:

1. Technical bid—10-11-2014, 11 a. m.
2. Financial bid—12-11-2014, 11 a. m.

Date upto which the rates are to remain firm for acceptance—31-3-2015.

Period of supply—Within 30 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options-State Bank of Travancore SBT Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining digital signature certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/ due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

The cost should be quoted in Indian currency only.

The tender has two covers

- Technical cover
- Financial cover

The first cover ie: the technical cover shall be uploaded with the following document.

1. Scanned copy of complied specification of the product intended to supply.
2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ` 100.

3. Brochure of the product intended to supply.
4. Work experience certificate or other relevant details.
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ` 100 to the effect that he/his partner/s or any of his directors is not involved in any Vigilance Case registered in connection with any supply made to this Department.

Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects of the instrument will meet and scrutinize the technical specification of the equipment submitted with the e-tender.

The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment required by Kerala Fire & Rescue Services Department alone will be considered.

On finalization of the same, the second cover ie; the financial bid of the concerned competent firm will be opened for consideration.

The originals of complied technical specification, agreement in Stamp Paper worth ` 100, declaration in Stamp Paper worth ` 100 and the item intended to supply shall be produced before the undersigned soon after the Financial Bid opening.

After opening the financial bid, financial evaluation is made only after consultation with the DPC and the decision of the DPC shall be final and be uploaded in the financial evaluation field of the e-tender site whether the tender is financially admitted or not and thereafter the awarding of the contract.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

CONDITIONS

1. Whether samples are essential : Pamphlets, Photograph, Drawings CDs etc. should be forwarded along with the tender.
2. Period with in which goods should be delivered : Within 30 days from receipt of supply order.
3. Rates should be quoted including all taxes, transportation charges, customs duty etc. : F.O.R., Thiruvananthapuram
4. Payment : 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special Conditions :
 1. A guarantee of 12 months from the delivery of the item.
 2. EMD 1% of PAC in online payment.
 3. Security Deposit 5% of total contract amount inclusive of EMD to be furnished as online payment as mentioned in the notice inviting e-Tender.
 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case registered in connection with a supply made to this Department earlier shall be barred from participating in this tender.
 5. Anybody attempting to offer bribe or otherwise influence the officials of the Kerala Fire and Rescue Services will be disqualified from participating the tender.

Specification for Batteries

Sl. No.	Volt	Plate	Ampere (AH)	Quantity Nos.	Size (Approximate Length × Breadth × Height)
1	12	25	180	100	20"×9"×8.5"
2	12	19	150	40	20"×9"×8.5"
3	12	13	90	60	12"×7"×8.5"
4	12	..	9	15	5.5"×3.25"×5"

Compliance Statement

A specification compliance statement in the following proforma shall be submitted along with the offer and the statement should be complete in all aspect and should cover each and every details of specification.

Specification compliance statement for Batteries.

Sl. No.	Detail of Departmental Technical Specification	Detail of the product offered	Deviation from Departmental Technical Specification, if any
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1

(2)

No. F1-13263/2014/KFRS-1.

30th September 2014.

e-Tenders in two cover system are invited from competent dealers for the supply of 8 Nos. of Height Rescue Kit with respective specifications to Fire and Rescue Services Headquarters. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts.

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC — KFRS / E - Tender No. 21/2014-15—` 40 Lakhs.

EMD—1% of PAC in online payment.

Security Deposit—5% of total contract amount inclusive of EMD to be furnished on receipt of the supply order as online payment.

Cost of e-tender (online submission)—` 6,000 + VAT @ 5%.

Closing date and time of e-tender—10-11-2014, 5 p.m.

Last date and time of receipt of e-tender—10-11-2014, 5 p.m.

Date and time of opening of e-tender:

1. Technical bid—14-11-2014, 11 a.m.
2. Financial bid—17-11-2014, 11 a.m.

Date upto which the rates are to remain firm for acceptance—31-3-2015.

Period of supply—Within 30 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options - State Bank of Travancore SBT Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining digital signature certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/ due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

The cost should be quoted in Indian currency only.

The tender has two covers:—

- Technical cover
- Financial cover

The first cover i.e, the technical cover shall be uploaded with the following document.

1. Scanned copy of complied specification of the product intended to supply.
2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ` 100.
3. Brochure of the product intended to supply.
4. Work experience certificate or other relevant details.
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ` 100 to the effect that he/his partner/s or any of his directors is not involved in any Vigilance Case registered in connection with any supply made to this Department.

Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects of the equipment will meet and scrutinize the technical specification of the equipment submitted with the e-tender.

The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment required by Kerala Fire & Rescue Services Department alone will be considered.

On finalization of the same, the second cover i.e., the financial bid of the concerned competent firm will be opened for consideration.

The originals of Complied Technical Specification, Agreement in Stamp Paper Worth ` 100, Declaration in Stamp Paper worth ` 100 shall be produced before the undersigned soon after the Financial Bid opening.

After opening the financial bid, financial evaluation is made only after consultation with the DPC and the decision of the DPC shall be final and will be uploaded in the financial evaluation field of the e-tender site whether the tender is financially admitted or not and thereafter the awarding of the contract.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

CONDITIONS

1. Whether samples are essential : Pamphlets, Photograph, Drawings etc. should be forwarded along with tender.
2. Period within which goods should be delivered : Within 30 days from receipt of supply order.
3. Rates should be quoted for the delivery of all taxes including transportation charge, customs duty, 3 years AMC amount after warranty period : F.O.R., Thiruvananthapuram
4. Payment : 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special Condition :
 1. A warranty of 12 months from the date of delivery of the item.
 2. EMD 1% of PAC in online payment.
 3. Security Deposit 5% of total contract amount inclusive of EMD to be furnished as mentioned in the notice inviting e-tender.

4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case registered in connection with a supply made to this Department earlier shall be barred from participating in this tender.
5. Anybody attempting to offer bribe or otherwise influence the officials of the Kerala Fire and Rescue Services will be disqualified from participating the tender.
6. A 3 years AMC should be provided by the qualified firm after warranty period. AMC amount also quoted in the bid.
7. Training will be given by the bidder to the staff of this Department as and when required at their own cost.

Technical Specification for Height Rescue KIT

The device should be useful for rapidly scaling heights, crossing gaps, climbing and descending buildings, moving casualties, rescue people in distress, assist in moving human and loads by launching field ropeway for disaster relief, casualty evacuation and rescue etc. It should consists of a pneumatic rope throwing device and portable motorized climbing device and related accessories for crossing gaps that are either manned or un-manned.

The equipment should be so designed to throw and lock a Grappling Hook with the rope of the Motorized Climbing Device effectively and Safely at any height up to 40 meters and to effect rescue operation using the Motorized Climbing Device.

The Pneumatic Rope Throwing Device should have the following physical characteristics.

1. Equipment should be foldable, portable and enable quick assembling and use.
2. Length of the launcher should not exceed 600 mm.
3. Shoulder butt should be detachable and the length should not exceed 400 mm.

4. Should have the provision to fit an optional ground-firing stand. The stand should be stable and allow the equipment to launch projectiles from any flat surface or platform.

5. Climbing Grappling Hook should withstand strength of minimum 500 kg. and tested for minimum 750 kg.

6. It should have the provision for Variable firing pressure to shoot the rope at different ranges.

7. Should have a safety catch mechanism to ensure that the unit does not get fired accidentally.

8. When fired the noise generated by the equipment should be considerably low.

9. Should have provision for fitting of portable re-usable air cylinders. Each cylinder should allow the launcher to be fired for a minimum of 4 times to the maximum reach. Should also have provision to attach a larger cylinder, which enables repeated fire of minimum 45 times to the maximum reach.

10. Should be able to propel the projectile grapnel up to minimum 40 meters vertically and 70 meters horizontally.

11. The cylinder should be safely attached to the equipment and should never come in contact with any hard surfaces.

12. Multi Shot Capacities—The equipment should allow deployment of multiple projectiles in rapid succession without changing the cylinder.

13. Transport/Storage Case—The equipment should be unbreakable watertight, dustproof, chemical/corrosion proof storage case to be provided with the equipment.

14. Accessories/Spares—The following accessories/spares shall be provided with each set of Pneumatic Rope Throwing and height Rescue Device :

- (a) High pressure projectile/grapnel hook (made of aluminum or equivalent superior quality alloy).
- (b) Tool Kit (as applicable).
- (c) Canisters for loading of ropes—2 Nos.
- (d) Compatible rechargeable air cylinders
- (e) Grapnel/Projectile shaft as per requirement.
- (f) Air filler hose.

A rope ladder should also be provided with the equipment to facilitate rescue operations.

Physical Characteristics of Rope Ladder.

1. Material—Nylon/Poly propylene or equivalent material.
2. Length—Minimum 20 meters.
3. Container—Compatible container for Rope Ladder.

Physical Characteristics of Rope Line.

- 1 Material—Nylon/Poly propylene or equivalent material.
- 2 Length—Minimum 100 meters.
- 3 Minimum Break load—500 kg. (Should be tested at 750 kg.)
- 4 Container—Compatible container for Rope Line.

Portable Motorized Climbing Device

- Operational Features
- Compatible with standard climbing gear (Must be used in accordance with manufacturer's instructions, meet applicable requirements and regulations)
- Use with 1/2 inch (12.7mm) static (low stretch), kernmantle rope
- Weight: Not more than 15 kilograms.
- Dimensions—Preferably 350 x 350 x 450 mm (+/-10 % is admissible)
- Lifting capacity: Should be at least 250 Kilograms; gross load should be at least 270 Kilograms including climbing device and battery pack.
- Designed for use by one person, for work positioning and/or moving tools and materials
- Should carry 2 people for rescue applications. Should be able to support 3 people in descent mode.
- Lifting speed: In order to avoid any accidents and ensure easy operation lifting speed should not exceed 1 foot per second.
- Powered descent speed: up to 1 foot per second.
- Can be operated using remote or manual control
- Wireless Remote Range minimum of 100 meters.
- Can be operated with gloves and protective clothing.

Safety Features

- Temperature sensor shuts unit down in event of hot motor.
- Interlock switch on cover ensures that unit will not operate if rope cover is not properly closed.
- Remote control overrides local control
- Rope cannot be removed from climbing device when it is under a load.

- Auto-braking in hands-off position provides for both locked-off and emergency or panic lock off. No force needs be applied for panic lock off.
- Emergency Stop Button: cuts power to unit
- Load limiting system: Prevents lifting of load in excess of 350 kilograms.
- Auto-braking in hands-off position provides for emergency stop.
- Static Load/Stationary holding capacity: not less than 500 Kilograms
- Dynamic load capacity: Not less than 1200 kilograms.
- Forward and reverse movement should be via power controller
- Low voltage sensor should detect low voltage and shuts unit down.
- No sharp edges, points etc., capable of puncturing or cutting the skin.
- Accessible surface temperature do not exceed 65°C
- Rotating parts should not be exposed to the user
- No shock hazard
- There should be provision for safe landing in case, if the equipment is stopped accidentally or battery became low during operation. In such cases the operator, preferably with the help of a particular switch, could safely descent manually and the descent speed shall not exceed 1 foot per second.

Certification

The equipments should be as per relevant NFPA or equivalent standards and should be certified accordingly.

Training:—

Sufficient Training for the safe and effective operation of the equipment (Both rope throwing and climbing devices) should be given to the departmental personnel by the bidder at their own cost.

Warranty:

The applicant should provide replacement warranty for any manufacturing defect or any technical failure for a period of 2 years from the date of supply.

After sales service and spare parts availability:—

The firm should ensure the availability of spare parts in the local market at least for 10 years from the date of supply and should ensure after sales service for a period of five years from the date of supply .

COMPLIANCE STATEMENT

A specification compliance statement in the following performa shall be submitted along with the offer, and the statement should be complete in all aspect and should cover each and every details of specification.

Specification compliance statement for Height Rescue Kit.

Sl. No.	Detail of Departmental Technical Specification	Detail of the product offered	Deviation from Departmental Technical Specification, if any
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(3)

No. F1-13438/2014/KFRS-1. 1st October 2014.

e-Tenders in two cover system are invited from competent dealers for the supply of 50 Nos. of Video Camera with respective specifications to Fire and Rescue Services Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts.

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS/e-Tender No. 22/2014-15—` 20 Lakhs.

EMD—1% of PAC in online payment.

Security Deposit—5% of total contract amount inclusive of EMD. To be furnished on receipt of the supply order as online payment.

Cost of e-Tender (online submission)—` 3,000 + VAT @ 5%.

Closing date and time of e-tender—10-11-2014, 5 p. m.

Last date and time of receipt of e-tender—10-11-2014, 5 p. m

Date and time of opening of e-tender:

1. Technical bid—14-11-2014, 11 a. m.
2. Financial bid—17-11-2014, 11 a. m.

Date upto which the rates are to remain firm for acceptance—31-3-2015.

Period of supply—Within 30 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options—State Bank of Travancore SBT Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining digital signature certificate (DSC) and necessary portal enrollment bidders can visit the website <https://etenders.kerala.gov.in/>.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/ due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

The cost should be quoted in Indian currency only.

The tender has two covers

- Technical cover
- Financial cover

The first cover ie: the technical cover shall be uploaded with the following document.

1. Scanned copy of complied specification of the product intended to supply.
2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ` 100.
3. Brochure of the product intended to supply.
4. Work experience certificate or other relevant details.
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ` 100 to the effect that he/his partner/s or any of his directors is not involved in any Vigilance Case registered in connection with any supply made to this Department.

Soon on opening the technical bid of e-tenders the committee constituted to evaluate the technical aspects of the equipment will meet and scrutinize the technical specification of the equipment submitted with the e-tender.

The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment required by Kerala Fire & Rescue Services Department alone will be considered.

On finalization of the same, The second cover ie. the financial bid of the concerned competent firm will be opened for consideration.

The originals of complied Technical Specification, Agreement in stamp paper worth ` 100, Declaration in stamp paper worth ` 100 shall be produced before the undersigned soon after the Financial Bid opening.

After opening the financial bid, financial evaluation is made only after consultation with the DPC and the decision of the DPC shall be final and will be uploaded in the financial evaluation field of the e-tender site whether the tender is financially admitted or not and thereafter the awarding of the contract.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

CONDITIONS

1. Whether samples are essential : Pamphlets, Photograph, Drawings CDS etc. should be forwarded along with the tender.
2. Period with in which goods should be delivered : Within 30 days from receipt of supply order.
3. Rates should be quoted for the delivery including of all taxes transportation charge, customs duty and 3 years AMC amount, after warranty period : F.O.R., Thiruvananthapuram
4. Payment : 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special Condition :
 1. A warranty of 12 months from the date of delivery of the item.
 2. EMD 1% of PAC in online payment.
 3. Security Deposit 5% of total contract amount inclusive of EMD to be furnished on receipt of the supply order as mentioned in the notice inviting e-Tender.

4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case registered in connection with a supply made to this Department earlier shall be barred from participating in this tender.
5. Anybody attempting to offer bribe or otherwise influence the officials of the Kerala Fire and Rescue Services will be disqualified from participating the tender.
6. A 3 years AMC should be provided by the qualified firm after warranty period. AMC amount also quoted in the bid.
7. Training will be given by the supplier to the staff of this Department as and when required.

Specification for Video Camera

The camera shall be compact and useful in recording the events simultaneously with fire fighting. It must be a complete and integrated video system with hand free video capturing and streaming. It must be easy to use. The camera should have Plug and play system with best video quality and the construction should be shock, dust and water proof. The camera should be CE certified or equivalent.

The camera should satisfy the following requirements

General Requirement:

Hardware Components	: Recording Unit, Camera, Cable etc.
Waterproof	: IP×6 or equivalent
Display	: 2.8 inches IFT
I/O Ports	: Micro SD card slot, USB, Mic-In, Av-out, PAL, Analog (pass through)
Recording Capacity	: 8 GB expandable to 32 GB
Operating Temp	: -10 degree to +70 degree celcius
Power	: Min. 2000 mAh battery, Rechargeable through USB
Microphone	: Cable mounted & 3.5 mm Aux Mic. Input on handheld Unit Mic.

Mounting : Shoulder, Flat Surface/straps, clothing

Video & Optics:

Recording speed : Min. 25 fps

Formats : AVI/MOV/PAL

Resolutions : 500 TV lines preferably 768×576

White Balance : Auto

Minimum Illumination : 0.05 LUX/F≤1 preferred

Lens : With Anti Fog system

Security & Video authentication:

Encryption : AES Minimum 128 bits

Login : Officer ID login, Device Pin code Login etc.

In Screen : Officer ID, Time/date, frame counter etc.

User Privacy : User should be notified (Buzzer, LED) when streaming starts, user should be able to manually switch off video streaming.

Warranty : 2 years against any defects.

Service : Service should be made available in Kerala for atleast 5 years from the date of supply by the supplier. Local Suppliers having service center is preferred.

COMPLIANCE STATEMENT

A specification compliance statement in the following performa shall be submitted along with the offer, and the statement should be complete in all aspect and should cover each and every details of specification.

Specification compliance statement for Video Camera.

Sl. No.	Detail of Departmental Technical Specification	Detail of the product offered	Deviation from Departmental Technical Specification, if any
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(4)

No. F1-13439/2014/KFRS-1.

9th October 2014.

e-Tenders in two cover system are invited from competent dealers for the supply of 6 Nos. of Portable Air Compressors (Petrol) with respective specifications to Fire and Rescue Services Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

e-Tender document and other details can be obtained from the above e-portal.

The tender has two parts.

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC — KFRS / E - Tender No. 23/2014-15 — ` 30 Lakhs.

EMD—1% of PAC in online payment.

Security Deposit—5% of total contract amount inclusive of EMD to be furnished on receipt of the supply order as online payment.

Cost of e-Tender (online submission)—` 4,500 + VAT @ 5%.

Closing date and time of e-tender—17-11-2014, 5 p.m.

Last date and time of receipt of e-tender—17-11-2014, 5 p.m.

Date and time of opening of e-tender:

1. Technical bid—21-11-2014, 11 a.m.
2. Financial bid—25-11-2014, 11 a.m.

Date upto which the rates are to remain firm for acceptance—31-3-2015.

Period of Supply—Within 40 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options—State Bank of Travancore SBT Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/ due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment—SBT/SBT NEFT.

The cost should be quoted in Indian currency only.

The tender has two covers

- Technical cover
- Financial cover

The first cover ie. the technical cover shall be uploaded with the following document.

1. Scanned copy of complied specification of the product intended to supply.
2. Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ` 100.
3. Brochure of the product intended to supply.
4. Work experience certificate or other relevant details.
5. Scanned copies of the declaration by the bidder on Kerala Stamp Paper worth ` 100 to the effect that he/his partner/s or any of his directors is not involved in any Vigilance Case registered in connection with any supply made to this Department.

Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects of the equipment will meet and scrutinize the technical specification of the equipment submitted with the e-tender.

The financial bid belonging to those dealers/suppliers who qualified in the technical bid of the equipment required by Kerala Fire & Rescue Services Department alone will be considered.

On finalization of the same, the second cover ie. the financial bid of the concerned competent firm will be opened for consideration.

The originals of Complied Technical Specification, Agreement in stamp paper worth ` 100, Declaration in stamp paper worth ` 100 shall be produced before the undersigned soon after the Financial Bid opening.

After opening the financial bid, financial evaluation is made only after consultation with the DPC and the decision of the DPC shall be final and will be uploaded in the financial evaluation field of the e-tender site whether the tender is financially admitted or not and thereafter the awarding of the contract.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Details with respect to the e-tender and the details of specifications of the item to be purchase can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

CONDITIONS

1. Whether samples are essential : Pamphlets, Photograph, Drawings CDs etc. should be forwarded along with tender.
2. Period with in which goods should be delivered : Within 40 days from receipt of supply order.
3. Rates should be quoted including all taxes, transportation charge : FOR., Thiruvananthapuram
4. Payment : 90% payment against delivery at Thiruvananthapuram in good condition.
5. Other Special Conditions :
 1. A warranty of 24 months from the date of delivery of the item.
 2. EMD 1% of PAC in online payment.
 3. Security Deposit 5% of total contract amount inclusive of EMD to be furnished on receipt of the supply order as online payment as mentioned in the notice inviting e-Tender.
 4. Any firm whose proprietor, Partner or Director is involved in a Vigilance Case registered in connection with a supply made to this Department earlier shall be barred from participating in this tender.
 5. Canvassing in any manner at any time shall disqualify of the tenderer.
 6. Training will be given by the bidder as and when it is required by the Department.

Technical Specification for Portable Air Compressor

The compressor should be of a fully imported High Pressure Air Cooled Breathing Air Compressor used for refilling-recharging air cylinders. The compressor should be of a multi-stage unit with air delivery in the range of 100 to 200 liters per minute for a standard filling norm of 0 to 200 bar. The Compressor shall be an enclosed type with steeled frame with carrying handles with low noise level canopy. The machine shall come with special

features of no noise level canopy, auto stop, auto drain, low oil and high temperature Protection, Reverse rotation Protection. The frame should have adequate mounting for absorbing vibrations. The weight of the compressor shall be preferably less than 95 kg. The compressor should be provided with air intake filter, inter coolers, after cooler and safety valve. Detailed specifications will be as follows:

Specification

Ambient Temperature	: +5 to + 50 degree C
Capacity per minute	: 100 to 200 liters.
Operating pressure	: 300 bar and 200 bar (Compressor should be provided with special adapters for filling 300 bar as well as 200 bar cylinders)
Prime Mover	: Honda Petrol Engine or Similar Engine
Filling Hoses	: 2 Hoses
Enclosures	: Shall be within steel frame with carrying handles, with low noise level canopy.
Noise level	: Shall have less than 90 db at 1m distance
Air quality	: As per DIN 3188/EN 12021 standard.
Control Panel	: The compressor should have following features on the control panel: <ul style="list-style-type: none"> • Start & Stop switches • Emergency stop switch • Inter stage pressure Gauge • Final Pressure Gauge • Pressure switch to set filling pressure and for automatic stop so that compressor stops when cylinder filled to desire pressure. • Hour Meter to show how many hours compressor has run. • Low oil protection to indicate if oil level in the compressor low. Compressor should shut down/ not start if oil level is low. • High Temperature Protection to shut down the compressor if temperature inside increases beyond set limit. • Compressor should have suitable facility for automatic condensate drain/discharge which should be collected in a tank for pollution free discharge.

Compressor System

The compressor will be multi stage air cooled high pressure compressor with inter cooled between stages and after cooled after final stage, safety valve etc. The air should be sucked in, via a suction filter to remove dust particles in air and then it should be compressed in the compressor. After compression the moisture should be separated and air should be filtered in the main filter cartridge to remove all impurities to make it suitable for breathing. The complete unit will be mounted inside an enclosed canopy for very low sound level as mentioned above.

- ***Tool Kit/Oil and operating instructions:***
Necessary tool kit for compressor along with first fill of oil and operating manual should be supplied with the compressor.
- ***Spare parts/consumables***
The supplier to provide 2 suction filter elements, 2 main filter cartridges and one oil refill along with the compressor.
- ***Warranty***
Compressor should be supplied with warranty against manufacturing defects for 24 months from the date of commissioning.
- ***Commissioning support***
The compressor should provide free commissioning at site and should train the operators on use and operation of compressor, trouble shooting and normal maintenance of the compressor. The supplier will be responsible for free check ups at regular intervals of the machine during the warranty period. Post warranty period, the supplier will have to provide after sale service of all types and maintenance of the machine in Kerala after execution of an annual maintenance contract with the Department. The supplier should ensure the availability of the spare parts in all time. The supplier shall have to submit a test certificate from the competent authority/authorised agency about the functioning and performance of the compressor.

COMPLIANCE STATEMENT

A specification compliance statement in the following performa shall be submitted along with the offer, and the statement should be complete in all aspect and should cover each and every details of specification.

Specification compliance statement for Portable Air Compressor

<i>Sl. No.</i>	<i>Detail of Departmental Technical Specification</i>	<i>Detail of the product offered</i>	<i>Deviation from Departmental Technical Specification, if any</i>
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Kerala Fire & Rescue Services

Headquarters,

(Sd.)

Housing Board Junction,

Director (Admn.),

Thiruvananthapuram-695 001. For *Commandant General.*